GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:731
ANSWERED ON:22.11.2001
GENERATION OF ELECTRICITY DURING NINTH FIVE YEAR PLAN
ALE NARENDRA;RATILAL KALIDAS VARMA

Will the Minister of POWER be pleased to state:

(a) whether the Government have assessed the annual rate of increase of Power Production Capacity during the Tenth Five Year Plan as compared to Ninth Five Year Plan;

(b) if so, whether the rate of annual Power Production during the 9th and 8th Five Year Plans is in commensurate with the increase in population;

(c) whether annual rate of production has declined during 1999-2000 and 2000-2001 as compared to preceding years;

(d) if so, the details thereof; and

(e) the target set for increase in the rate of annual production during 2000-2001?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) : The likely capacity addition during the 9th Plan would be approximately 19,000 MW which amounts to an addition of approximately 3800 MW per year. The feasible capacity addition which has been estimated by the Working Group for the 10th Plan is 46939 MW which would imply an addition of approximately 9388 MW per year.

(b) : The capacity addition achieved during the 8th Plan was 16,423 MW which givesan average annual capacity addition of about 3300 MW. As regards units generated during the 8th and 9th Five Year Plan, the relevant figures along with yearly rates of growth are given below :-

Details of generation during Eighth Plan

Year	Generation (MU)	% growth over preceding year
1992-1993	301066	-
1993-1994	323531	7.5
1994-1995	351025	8.5
1995-1996	380084	8.3
1996-1997	394800	3.9
Average for 8th Plan		6.2

Details of generation during Ninth Plan

Year	Generation (MU)	% growth over preceding year
1997-1998	420622	-
1998-1999	448367	6.6
1999-2000	480682	7.9
2000-2001	499548	3.9
2001-2002 (Upto Sept., 2001)	253408	3.2+

Average for initial 4 years of 9th Plan 4.7

+ Excluded from calculation

There has been an increasing trend in the per captia consumption of electricity in the country. The per capita consumption for the year 1996-97 was 334.26 units whereas the same for the year 1997-98 and 1998-99 was 348.5 units and 360 units, respectively.

(c) to (e) : The annual growth rate of generation had declined to 3.9% in 2000-01 from 7.2% during 1999-2000 due to insufficient rainfall.

The target for capacity addition during 2000-01 was 4000 MW. In terms of generation, 500 billion units was the target for the year 2000-01 as against a generation of 480 billion units during 1999-2000.